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**CLAIMS**

- 1           1. A sleeping compartment (10) for a truck having a cab mounted on a chassis frame,  
2       said sleeping compartment comprising  
3           a floor (20) with lateral portions and a pair of sidewalls (22) extending upwardly from  
4       said lateral portions of said floor;  
5           a seat (60) mounted on one of said sidewalls and including a seat back (64) fixed to said  
6       one sidewall and a seat bottom (66) moveable from a substantially vertical stowed position  
7       adjacent said one sidewall and a substantially horizontal deployed position projecting from said  
8       one sidewall; and  
9           a seat support (34) mounted on said floor and movable from a stowed position  
10       substantially flush with said floor to a deployed position protruding upwardly from said floor to  
11       support said seat bottom in said deployed position.
- 1           2. The sleeping compartment of claim 1, wherein said seat support (34) includes a panel  
2       hinged to said floor, and wherein a corresponding outboard portion (30) of said floor extends  
3       downwardly from said panel to define a storage space (32) beneath said panel.
- 1           3. The sleeping compartment of claim 2, further comprising a first access opening (33) in  
2       an exterior of said one sidewall (22) in communication with said storage space (32).
- 1           4. The sleeping compartment of claim 3, further comprising a storage bin (36) disposed  
2       in said storage space (32) and accessible from outside said compartment via said access opening  
3       (33) in said one sidewall.
- 1           5. The sleeping compartment of claim 3, wherein said seat bottom (66) and said support  
2       (34) define additional space (80) above said outboard storage space (32) when deployed, and  
3       further comprising an access panel (62) mounted over a second access opening in an exterior of  
4       said sidewall at a location corresponding to said additional space, said access panel being  
5       moveable between a closed position covering said second access opening and an open position  
6       exposing said second access opening to provide access to the additional space.

1           6. The sleeping compartment of claim 5, wherein said first and second access openings  
2 (33) are contiguous.

1           7. The sleeping compartment of claim 2, wherein a third access opening (50) is formed  
2 through said panel (34) and further comprising a secondary panel (52) moveable between a  
3 closed position covering said third access opening and an open position permitting access to said  
4 storage space (32) through said third access opening.

1           8. The sleeping compartment of claim 7, and further comprising a linkage (70)  
2 connecting said seat bottom (66) and said panel (34) such that said seat bottom and said panel  
3 move together between said stowed and deployed positions.

1           9. The sleeping compartment of claim 8, wherein said linkage (70) includes an arm (72)  
2 with a slot (76) extending between said seat bottom and said panel, and a slide (78) mounted on  
3 one of said seat bottom (66) and said panel (34) and disposed within said slot.

1           10. The sleeping compartment of claim 1, further comprising a rear assembly (16, 86,  
2 86', 86") connected to rear edges of said floor and said sidewalls.

1           11. The sleeping compartment of claim 10, wherein said rear assembly includes at least  
2 one of a bed (96, 96'), a table (98, 98'), and a cabinet (94, 94', 104, 106).

1           12. The sleeping compartment of claim 10, wherein said rear assembly includes a bed  
2 (96, 96') mounted on said rear assembly for movement between a substantially vertical stowed  
3 position adjacent said rear assembly and a substantially horizontal extended position projecting  
4 from said rear assembly.

1           13. The sleeping compartment of claim 12, further comprising a table (98, 98') mounted  
2 on a bottom surface of said bed (96, 96') for movement between a stowed position against said  
3 bottom surface and a substantially horizontal extended position projecting from said bottom  
4 surface when said bed is stowed.

1           14. The sleeping compartment of claim 10, wherein said rear assembly includes a table  
2 (98, 98') mounted on said rear wall assembly for movement between a substantially vertical  
3 stowed position adjacent said rear wall assembly and a substantially horizontal extended position  
4 projecting from said rear wall assembly.

1           15. The sleeping compartment of claim 14, wherein said table (98, 98') includes plural  
2 table portions (100, 100') which are independently moveable between stowed and extended  
3 positions.

1           16. The sleeping compartment of claim 15, wherein said table portions (100, 100')  
2 include curved edges opposing one another when the table portions are both in stowed or  
3 extended positions.

1           17. The sleeping compartment of claim 11, wherein said floor (20), side walls (22, 22',  
2 22"), and seat (60) are part of a first module (14, 14', 14"), said rear assembly is part of a second  
3 module (16, 86, 86', 86"), and said first and second modules are manufactured separately and  
4 joined together to form said sleeping compartment (10).

1           18. A sleeping compartment (10) for a truck having a cab mounted on a frame chassis,  
2 said sleeping compartment comprising  
3           a floor (20) with lateral edges;  
4           a pair of sidewalls (22, 22', 22") extending upwardly from said lateral edges of said floor;  
5           a rear wall assembly (86, 86', 86") connected to an aft end of said floor and sidewalls;  
6           a bed (96, 96') with a sleeping surface mounted on said rear wall assembly for movement  
7 between a stowed position where said sleeping surface is oriented vertically and a deployed  
8 position where said sleeping surface is oriented horizontally.

1           19. The sleeping compartment of claim 18, further comprising a table (98, 98') mounted  
2 on a bottom surface of said bed (96, 96') for movement between a stowed position against said  
3 bottom surface and a substantially horizontal extended position projecting from said bottom  
4 surface when said bed is stowed.

1           20. The sleeping compartment of claim 19, wherein said table (98, 98') includes plural  
2 table portions (100, 100') which are independently moveable between stowed and extended  
3 positions.

1           21. The sleeping compartment of claim 20, wherein said table portions (100, 100')  
2 include curved edges opposing one another when said table portions are both stowed or  
3 extended.

1           22. The sleeping compartment of claim 18 wherein said floor (20) and sidewalls (22, 22',  
2 22'') constitute a first module (14, 14', 14'', 114), said rear wall assembly and bed (96, 96')  
3 constitute a second module (86, 86', 86''), and wherein said modules are manufactured separately  
4 and connected together to form a unitary sleeping compartment (10).

1           23. The sleeping compartment of claim 22, further comprising a seat (60) with a seat  
2 back (64) and a seat bottom (66) disposed in said first module, wherein said bed rests on said seat  
3 bottom in said deployed position.

1           24. The sleeping compartment of claim 22, further comprising a seat (60) with a seat  
2 back (64) and a seat bottom (66) disposed in said first module, wherein said seat bottom is  
3 disposed laterally adjacent said bed (96, 96') in said deployed position to effectively increase a  
4 useable width of said bed.

1           25. The sleeping compartment of claim 22 wherein said bed (96, 96') has a length and a  
2 width, said length being larger than said width, and said bed being oriented lengthwise across  
3 said rear module (86, 86', 86'') in perpendicular relation to a longitudinal axis of said  
4 compartment.

1           26. The sleeping compartment of claim 25 wherein said first module (14, 14', 14'', 114)  
2 is at least as long as said bed (96, 96') is wide to prevent said bed from extending forwardly of  
3 said first module in said deployed position.

1           27. The sleeping compartment of claim 22 wherein said bed (96, 96') has a length greater  
2 than a width, said bed being oriented lengthwise along a longitudinal axis of said truck.

1           28. The sleeping compartment of claim 27 wherein said first module (14, 14', 14") has a  
2 length shorter than said bed (96, 96'), and further comprising a second module (14, 14', 14")  
3 similar to said first module connected to said first module, such that said bed extends through  
4 said first module into said second module in said deployed position.

1           29. A method of fabricating a sleeping compartment (10) for a truck, said method  
2 comprising the steps of  
3           assembling at least one of a first type of module (14, 14', 14", 114) having a floor (20)  
4 with lateral edges and a pair of sidewalls (22, 22', 22") extending upwardly from the lateral edges  
5 of the floor;  
6           assembling a second type of module (86, 86', 86") having a rear wall assembly with a bed  
7 (96, 96') mounted thereon so as to be moveable between a stowed position wherein the sleeping  
8 surface is oriented generally vertically and a deployed position wherein the sleeping surface is  
9 oriented generally horizontally; and  
10          attaching a module of the first type to the forward end of a module of the second type to  
11 form a unitary sleeping compartment (10) for placement aft of the truck cabin.

1           30. The method of claim 29, further comprising the step of attaching a plurality of  
2 modules of the first type (14, 14', 14", 114) to one another.

1           31. A method of manufacturing a truck comprising the steps of  
2           separately assembling a plurality of modules of at least two types including a first type  
3 (14, 14', 14", 114) having a floor (20) and sidewalls (22, 22', 22") extending upwardly from  
4 lateral edges of the floor, and a second type (86, 86', 86") having a bed (96, 96') mounted on a  
5 wall assembly;  
6           selecting a combination of assembled modules including at least one of said first type and  
7 one of said second type;  
8           arranging the selected modules end-to-end along a longitudinal axis of said truck aft of  
9 the cab such that one of said second type is disposed aft of one of said first type; and  
10          connecting the selected modules together to form a unitary sleeping compartment (10).

1           32. The method of claim 31 wherein the first type of module further includes a seat (60)  
2   having a seat bottom (66) mounted on one of the sidewalls (22, 22', 22'') for movement between  
3   a stowed position and an extended position.

1           33. The method of claim 32 wherein the first type of module further includes a support  
2   panel (34) mounted on the floor (20) for movement between a stowed position flush with the  
3   floor and an extended position supporting the seat bottom.

1           34. The method of claim 33 wherein the first type of module further includes a storage  
2   space (32) defined under the support panel (34) and accessible from outside the module for  
3   storing items.

1           35. The method of claim 34 wherein the first type of module further includes a bin (36)  
2   disposed within the space (32) beneath the support panel (34).

1           36. The method of claim 31 wherein the bed (96, 96') in the second type of module is  
2   movable between a stowed position and an extended position.

1           37. The method of claim 36 wherein the second type of module further includes a table  
2   (98, 98') mounted on a bottom surface of the bed (96, 96') for movement between a stowed  
3   position and an extended position when the bed is stowed.

1           38. The method of claim 37 wherein the second type of module further includes at least  
2   one cabinet (94, 94', 104, 106).

